

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	("6514767").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/15 12:41
L2	7	("5023139"   "5266498"   "5609907"   "5825790"   "5828450"   "6149868"   "6219137").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/15 11:28
L3	45	(sort\$3 separat\$3 classify\$3) same (microfluidic and laminar). bsum.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/15 11:39
L4	16	("3560754"   "3827555"   "4279345"   "4738773"   "4756427"   "4894146"   "4910148"   "5039426"   "5053344"   "5123901"   "5304487"   "5460797"   "5465849"   "5483469"   "5674743"   "5811099").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/15 11:36
L5	3130	((209/129) or (209/130) or (209/156) or (209/210) or (209/576) or (209/579) or (209/585) or (209/586) or (356/309) or (356/311) or (356/318)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/15 12:07
L6	162	(sort\$3 separat\$3 classify\$3) same (microfluidic and laminar)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/15 11:40
L7	1	I5 and I6	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/15 11:40
L8	26	I5 and microfluidic	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/15 11:43
L9	32	("209"/\$.ccls. "359"/\$.ccls. "356"/\$.ccls. "210"/\$.ccls.) and (microfluidic same laminar)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/15 11:53
L10	32	I9 not I8	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/15 11:44
L13	1938	((sort\$3 separat\$3 select\$3 mov\$3 manipul\$3 attract\$3 trap\$3 catch\$3 captur\$3 tweeze\$3) same ((fibrils nanotube SWNT nano\$5) and (optical light laser))). bsum.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 12:34

L14	237	((nanotube nano\$5 fibrils SWNT) same ((sort\$3 separat\$3 select\$3 mov\$3 manipul\$3 attract\$3 trap\$3 catch\$3 captur\$3 tweeze\$3) near3 (optical light laser))).bsum.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 15:38
L15	56	l14 and ("209"/\$.ccls. "359"/\$.ccls. "356"/\$.ccls. "210"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/15 11:54
L16	56	l15 not l10	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/15 11:54
L17	3516	((209/129) or (209/130) or (209/142) or (209/155) or (209/210) or (209/576) or (209/579) or (209/585) or (209/586) or (356/309) or (356/311) or (356/318)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/15 15:27
L18	0	("l13andl17").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/15 12:08
L19	8	l13 and l17	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 12:08
L20	5264	((sort\$3 separat\$3 select\$3 mov\$3 manipul\$3 attract\$3 trap\$3 catch\$3 captur\$3 tweeze\$3) near4 (fibrils nanotube SWNT nano\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 14:38
L21	1067	((sort\$3 separat\$3 select\$3 mov\$3 manipul\$3 attract\$3 trap\$3 catch\$3 captur\$3 tweeze\$3) near4 (fibrils nanotube SWNT nano\$5)).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 12:35
L22	716	((sort\$3 separat\$3 select\$3 mov\$3 manipul\$3 attract\$3 trap\$3 catch\$3 captur\$3 tweeze\$3) near4 (fibrils nanotube SWNT nano\$5)) and (light optical laser). ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 12:36
L23	146	((sort\$3 separat\$3 select\$3 mov\$3 manipul\$3 attract\$3 trap\$3 catch\$3 captur\$3 tweeze\$3) near4 (fibrils nanotube SWNT nano\$5)) and (light optical laser)). ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 12:36

L24	4	("6203864"   "6331690"   "6333016"   "6350488").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/15 12:37
L25	0	("I17andI20").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/15 12:42
L26	13	I17 and I20	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 12:42
L27	6	I20 and (microfluid\$2 same laminar)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 14:38
L28	10	98/10267	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 15:27
L29	616	((nanotube nano\$5 fibrils SWNT) same ((sort\$3 separat\$3 select\$3 mov\$3 manipul\$3 attract\$3 trap\$3 catch\$3 captur\$3 tweeze\$3) and (optical light laser) and resona\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 15:52
L30	36	((nanotube nano\$5 fibrils SWNT) same ((sort\$3 separat\$3 select\$3 mov\$3 manipul\$3 attract\$3 trap\$3 catch\$3 captur\$3 tweeze\$3) and (optical light laser) and resona\$4)).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 15:52
S1	648	((209/576) or (209/579) or (209/585) or (209/586)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/30 17:35
S2	1890	(sort\$3 separat\$3 select\$3) same (( graphite carbon) near3 (nanotube tube))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/30 17:35
S3	4	((sort\$3 separat\$3 select\$3) same (( graphite carbon) near3 (nanotube tube))) and "209"/\$. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/01/08 14:54

S4	51	((sort\$3 separat\$3 select\$3) same (( graphite carbon) near3 (nanotube tube))) and "356"/\$. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/01/08 14:56
S5	458	((sort\$3 separat\$3 select\$3) same (( graphite carbon) near3 (nanotube tube))).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/01/08 15:25
S6	9	((sort\$3 separat\$3 select\$3) same (( graphite carbon) near3 (nanotube tube))).ab.) and "356"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/01/08 14:54
S7	2	(sort\$3 separat\$3 select\$3) same (( graphite carbon) near3 (nanotube tube)) and ((optical near5 (dipole and trap)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/01/08 15:11
S8	2	((graphite carbon) near3 (nanotube tube)) and ((optical near5 (dipole and trap)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/01/08 15:00
S9	2	((graphite carbon) near3 (nanotube tube)) same (optical near5 dipole)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/01/08 15:08
S10	14	(optical near5 (dipole and trap))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/01/08 15:08
S11	6	(sort\$3 separat\$3 select\$3) same (( graphite carbon) near3 (nanotube tube)) and (optical near5 trap)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/30 17:39
S12	43	((sort\$3 separat\$3 select\$3) same (( graphite carbon) near3 (nanotube tube))) and "250"/\$. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/01/08 15:25
S13	2100	(sort\$3 separat\$3 select\$3) same (( graphite carbon) near3 (nanotube tube))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/30 18:35

S14	1815	((209/576) or (209/579) or (209/585) or (209/586) or (356/309) or (356/311) or (356/318)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/03/30 17:36
S15	1815	((209/576) or (209/579) or (209/585) or (209/586) or (356/309) or (356/311) or (356/318)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/04/01 18:26
S16	325	optical near3 tweezer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/30 17:40
S17	4	((((209/576) or (209/579) or (209/585) or (209/586) or (356/309) or (356/311) or (356/318)).CCLS.) and (optical near3 tweezer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/30 17:40
S18	15	("3916197"   "4243318"   "4765737"   "4947223"   "5021661"   "5100627"   "5135304"   "5138170"   "5158889"   "5245466"   "5296963"   "5322799"   "5360739"   "5512492"   "5583634").PN.	USPAT	OR	ON	2004/03/30 18:18
S19	7	(sort\$3 separat\$3 select\$3) same (( graphite carbon) near3 (nanotube tube)) and (optical near5 trap)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/30 18:39
S20	2217	(sort\$3 separat\$3 select\$3 move manipulate) same (( graphite carbon) near3 (nanotube tube))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/30 18:39
S21	7	(optical near3 tweezer) and ((sort\$3 separat\$3 select\$3 move manipulate) same (( graphite carbon) near3 (nanotube tube)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/30 18:36
S22	569	(sort\$3 separat\$3 select\$3 move manipulate) same (( graphite carbon) near3 (nanotube tube)). ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/30 18:42

S23	1	((209/576) or (209/579) or (209/585) or (209/586) or (356/309) or (356/311) or (356/318)).CCLS.) and ((sort\$3 separat\$3 select\$3 move manipulate) same (( graphite carbon) near3 (nanotube tube)). ab.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/30 18:39
S24	1	((sort\$3 separat\$3 select\$3 move manipulate) same (( graphite carbon) near3 (nanotube tube)). ab.) and "209"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/30 18:39
S25	14	((sort\$3 separat\$3 select\$3 move manipulate) same (( graphite carbon) near3 (nanotube tube)). ab.) and ("356"/\$.ccls. "250"/\$.ccls. "73"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/30 18:40
S26	457	(sort\$3 separat\$3 select\$3 move manipulate) same (((graphite carbon) near3 (nanotube tube)) and (optical light))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/30 18:43
S27	41	(sort\$3 separat\$3 select\$3 move manipulate) same (((graphite carbon) near3 (nanotube tube)) and (optical light)).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/14 13:50
S28	1817	((209/576) or (209/579) or (209/585) or (209/586) or (356/309) or (356/311) or (356/318)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/14 16:18
S29	6	(("6331690") or ("6333016") or ("6350488")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/14 13:27
S30	7	"107833".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/14 13:27
S31	153598	(sort\$3 separat\$3 select\$3 mov\$3 manipulat\$3 attract\$3 mov\$3) near4 (nanotube SWNT tube nano\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/14 16:26

S32	322	S31 and ((optical light laser) near3 (trap tweezer\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/14 13:52
S33	130	S31 and ((optical light laser) near3 (trap tweezer\$3)).bsum.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/14 15:46
S34	6	((sort\$3 separat\$3 select\$3 mov\$3 manipul\$3 attract\$3 mov\$3) near4 (nanotube SWNT tube nano\$5) same ((optical light laser) near3 (trap tweezer\$3))).bsum.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/14 16:35
S35	297	S31 and ((optical light laser) near3 (trap\$4 captur\$3 catch\$3)).bsum.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/14 16:38
S36	85	S31 and ((molecul\$2 optical light) near2 dipole)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/14 15:54
S37	3	("4451412"   "4627689"   "4632517").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/14 16:15
S38	0	(997/1).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/14 16:16
S39	0	997/1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/14 16:16
S40	2158	((209/576) or (209/579) or (209/585) or (209/586) or (356/309) or (356/311) or (356/318)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/14 16:26
S41	1956	S31 and ("209"/\$.ccls. "356"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/14 16:59

S42	2526	((209/1) or (209/576) or (209/579) or (209/585) or (209/586) or (356/309) or (356/311) or (356/318)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/14 16:31
S43	370	(209/1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/14 16:26
S44	153598	((sort\$3 separat\$3 select\$3 mov\$3 manipul\$3 attract\$3 mov\$3) near4 (nanotube SWNT tube nano\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/14 16:27
S45	2786	((209/1) or (209/129) or (209/576) or (209/579) or (209/585) or (209/586) or (356/309) or (356/311) or (356/318)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/15 11:39
S46	260	(209/129).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/14 16:31
S47	2	S46 and ((optical light laser) near3 (trap\$4 captur\$3 catch\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/14 16:31
S48	17	((sort\$3 separat\$3 select\$3 mov\$3 manipul\$3 attract\$3 mov\$3) near4 (nanotube SWNT tube nano\$5) same ((optical light laser) near3 (trap\$3 catch\$3 captur\$3 tweeze\$3))).bsum.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 11:50
S49	214	dipole same ((optical light laser) and (trap\$4 captur\$3 catch\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/14 16:39
S50	20	S31 and S49	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/14 16:39



S51	90	((sort\$3 separat\$3 select\$3 mov\$3 manipul\$3 attract\$3 near\$3) near4 (nanotube SWNT tube nano\$5 fibrils) and ((optical light laser) near3 (trap\$3 catch\$3 captur\$3 tweeze\$3))).bsum.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/14 16:59
S52	90	((sort\$3 separat\$3 select\$3 mov\$3 manipul\$3 attract\$3 near\$3) near4 (nanotube SWNT tube nano\$5 fibril) and ((optical light laser) near3 (trap\$3 catch\$3 captur\$3 tweeze\$3))).bsum.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/14 16:58
S53	89	S51 not S50	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/14 16:59
S54	21122	"216" and ("209"/\$.ccls. "356"/\$.ccls. "219"/\$.ccls. "250"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/14 16:59
S55	25	S53 and ("209"/\$.ccls. "356"/\$.ccls. "219"/\$.ccls. 250\$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/14 17:00
S56	6	"379273".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/14 17:19
S57	1	(plewa and tanner).inv.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/14 17:20



laser nanotube microfluidic

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... Kitasho, D Ganzke, W Haase, K Yoshino, ETLC **Laser** - Adv. Mater, 2003 - doi.wiley.com  
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[CITATION] Carbon nanotube nanoelectrode array for ultrasensitive DNA detection

J Li, HT Ng, A Cassell, W Fan, H Chen, Q Ye, J ... - Nano Lett, 2003  
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Superhydrophobic Carbon Nanotube Forests

KKS Lau, J Bico, KBK Teo, M Chhowalla, GAJ ... - Nano Letters, 2003 - www-g.eng.cam.ac.uk  
 ... nanotubes may potentially be used in **microfluidic** devices ... 23 Other methods, such  
 as PECVD or **laser** ablation, may ... Figure 1. SEM images of carbon **nanotube** forests ...  
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M O'Neill, SM Kelly, U Zschieschang, H Klauk, M ... - Adv. Mater, 2003 - doi.wiley.com  
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### Nano-dielectrophoresis: Electronic Nanotweezers

PJ Burke - Encyclopedia of Nanoscience and Nanotechnology - [nano.ece.uci.edu](http://nano.ece.uci.edu)... where p is the induced **dipole**. ... However, with nanowire or **nanotube** electrodes we predict that electronic ... Third, the use of **optical** tweezers is not possible in ...Cited by 2 - [Web Search](#) - [nano.ece.uci.edu](http://nano.ece.uci.edu)

### Nanoporous and mesoporous organic structures: new openings for materials research

PJ Langley, J Hulliger - Chem. Soc. Rev, 1999 - [pubs.rsc.org](http://pubs.rsc.org)... for effecting purification (including **optical** resolution of ... host framework, for example, **laser** action and ... in which one can construct a molecular **nanotube**. ...Cited by 19 - [Web Search](#)

### Similarity of skeletal structures in laboratory and space and the probable role of self-assembling ...

AB Kukushkin, VA Rantsev-Kartinov - Arxiv preprint physics/0401027, 2004 - [arxiv.org](http://arxiv.org)... single discharge requires a special **optical** scheme and ... The carbon **nanotube** (CNT) or similar nanostructures ... and respective mutual magnetic **dipole** attraction; at ...[View as HTML](#) - [Web Search](#) - [arxiv.org](http://arxiv.org) - [adsabs.harvard.edu](http://adsabs.harvard.edu)

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### Sorption properties of carbon nanostructures

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